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**FINAL
Environmental Impact Report
for the
Old Oakland Mixed-Use Project**

**Prepared for:
City of Oakland**

March, 1988

FINAL

ENVIRONMENTAL IMPACT REPORT

FOR THE

OLD OAKLAND MIXED-USE PROJECT

SCH #85090315

Prepared for:

City of Oakland

March, 1988

Prepared by:

EARTH METRICS INCORPORATED
859 Cowan Road
Burlingame, CA 94010
(415) 697-7103

and
MASON TILLMAN ASSOCIATES, LTD.
2955 Avalon Avenue
Berkeley, CA 94705
(415) 549-0582

A JOINT VENTURE



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1 File No. ER ES-11
2 Ref. No. SCH #85090315

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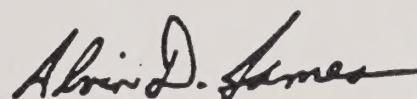
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11 **FINAL ENVIRONMENTAL IMPACT REPORT FOR:**
12
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14 OLD OAKLAND MIXED - USE PROJECT
15

16 (Project Title)
17 California Environmental Quality Act
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19

20
21 **CERTIFICATION OF COMPLIANCE WITH THE**
22 **CALIFORNIA ENVIRONMENTAL QUALITY ACT**
23
24

25 The Director of City Planning finds that the attached Final Environmental Impact Report has
26 been completed in compliance with the California Environmental Quality Act, the Guidelines
27 prescribed by the Secretary for Resources, and the provisions of the City of Oakland's Statement of
28 Objectives, Criteria and Procedures for Implementation of the California Environmental Quality Act.
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39 ALVIN D. JAMES
40 Director of City Planning
41
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43 DATE: March 25, 1988
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55 **ACCEPTANCE OF FINAL REPORT BY CITY PLANNING COMMISSION**
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58 The attached Final Environmental Impact Report was accepted by the Oakland City Planning
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60 Commission at its meeting of _____
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101 THOMAS H. DOCTOR, Secretary
102 City Planning Commission
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1
2 1. INTRODUCTION
3

4 This document was prepared in accordance with the California Environmental
5 Quality Act and State Environmental Impact Report (EIR) Guidelines. Included
6 in this document are comments and responses to comments on the Draft EIR which,
7 along with the Draft EIR document dated December, 1987, constitute the Final
8 EIR for the proposed Old Oakland Mixed-Use Project in Oakland.
9

10 The Draft EIR for this project was circulated for public review beginning
11 December 28, 1987. During the public review period which ended on February
12 26, 1988, several agencies submitted to the City of Oakland written comments
13 regarding the project and the adequacy of the Draft EIR. Additionally, a
14 public hearing on the Draft EIR was held on February 10, 1988 as part of a
15 regularly scheduled Oakland Planning Commission meeting. No written or verbal
16 comments were presented at that meeting. This Final EIR includes all comments
17 received by the City during the review period and responses to these comments.
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1
2. PROJECT DESCRIPTION

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2.1 PROJECT SITE LOCATION AND CHARACTERISTICS

4
5 The proposed project site is located in the City of Oakland in Alameda County,
6 California. The site consists of 40,000 square feet or approximately 0.92
7 acres, and is located on the westerly two-thirds of the block bounded by
8 Washington, 8th, Clay, and 9th Streets. The topography of the site is
9 generally flat. Figure 2-1 presents the regional setting and Figure 2-2 shows
10 the local setting.

11 Four structures currently occupy approximately one-half of the site, with the
12 remainder being used for parking by adjacent or nearby occupants. Approximate-
13 mately 61 parking spaces now exist on site. The four structures include two
14 adjacent buildings owned by the Salvation Army, the J & M Meats/9th Street
15 Market building, and the Fremont Hotel.

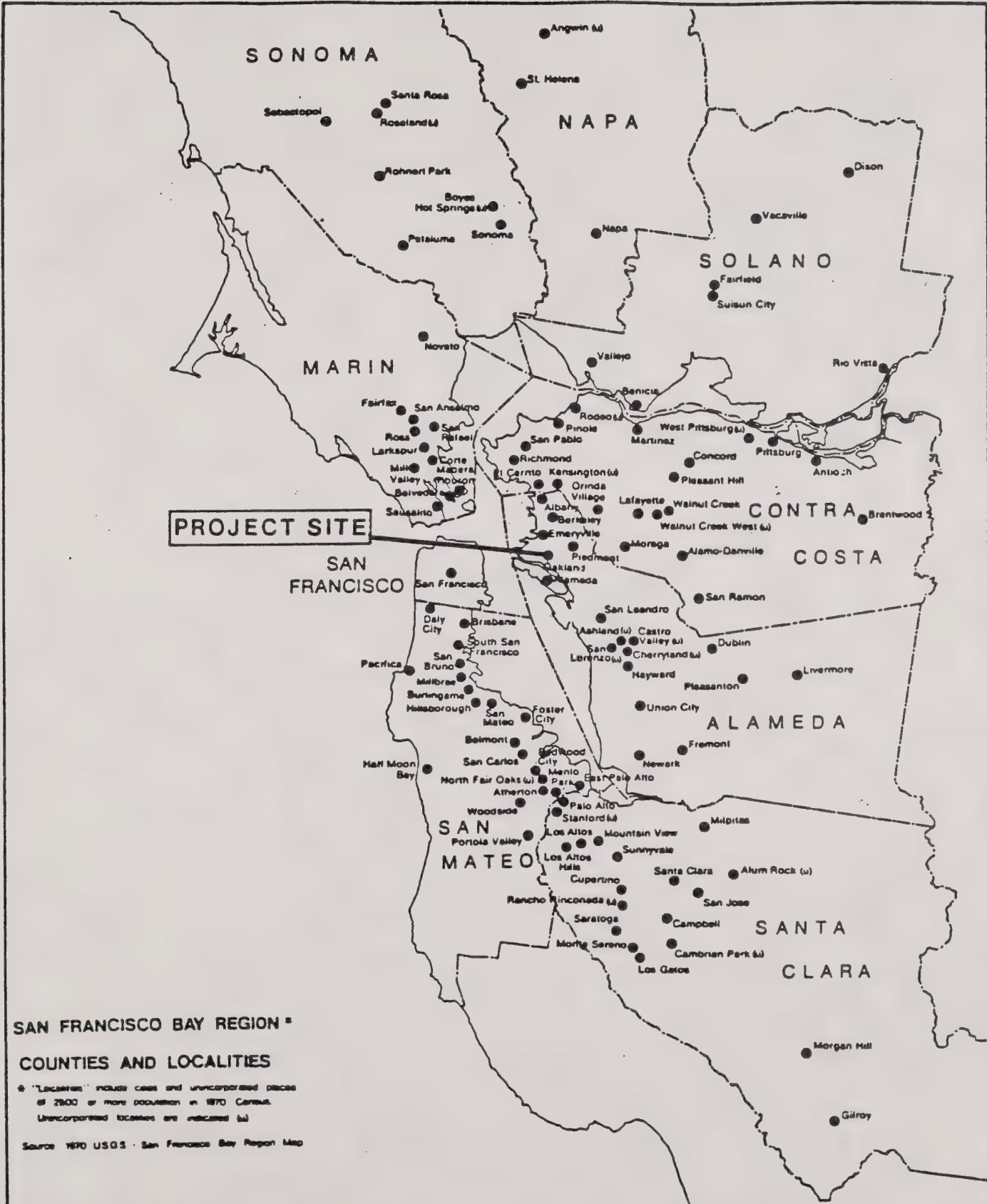
16 The site has access to City streets on the north, west, and south property
17 lines. The eastern property line is adjacent to two commercial properties,
18 Ratto's International Grocers and the Johnson/Durante property, both of which
19 share the block with the project site and front on Washington Street (see
20 Figure 2-3). To the north is the vacant Swan's Market building, to the west
21 is the Housewives Market, and to the south is a series of older commercial and
22 hotel-type residential structures. In the same vicinity, and of importance to
23 the project, are the Convention Center/Hyatt Regency Hotel, the Trans-Pacific
24 Centre in the Chinatown Redevelopment Area, Victorian Row in the Old Oakland
25 area, City Center, and the Oakland-Piedmont-Emeryville Municipal Courthouse.
26 Located south and west of the site are a mixture of aging single and multiple
27 family structures, service commercial and light industrial uses, Interstate
28 980, and Interstate 880 (the Nimitz Freeway) (see Figure 2-4).

29
30 2.2 PROJECT DESCRIPTION AND OBJECTIVES

31
32 The Old Oakland Mixed Use Project is an activity administered by the Redevel-
33 opment Agency of the City of Oakland through the Office of Economic Develop-
34 ment and Employment (OEDE). The primary objectives of the project are to
35 provide a much-needed parking facility in the vicinity of the Victorian Row
36 Project, to provide a downtown residential resource, and to continue the
37 pedestrian-oriented commercial activities now being developed in the Victorian
38 Row Project and the Housewives Market development effort. It is also an
39 objective to create a facility which complements the architectural character
40 of Victorian Row and the scale of other existing buildings in the area.

41
42 The project was conceived out of a need to provide a substantial number of
43 parking spaces for the Victorian Row Project and the surrounding area.
44 According to a 1982 parking study for the southwestern Central Business
45 District prepared by City staff, there was a need for approximately 1,200 new
46 parking spaces in this district and that a minimum of 300 of these spaces was
47 needed in the vicinity of the Victorian Row Project.

48
49 The original project designs for a parking structure to occupy the predomi-
50 nately vacant portions of the site did not provide an optimum solution.
51 Owners of two major properties on the project site were contacted and
52 expressed an interest in having the Redevelopment Agency/City acquire these



SCALE
1" = 15 MI.

FIGURE 2-1. REGIONAL SETTING OF THE PROJECT SITE

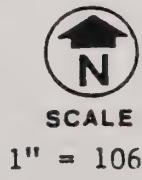
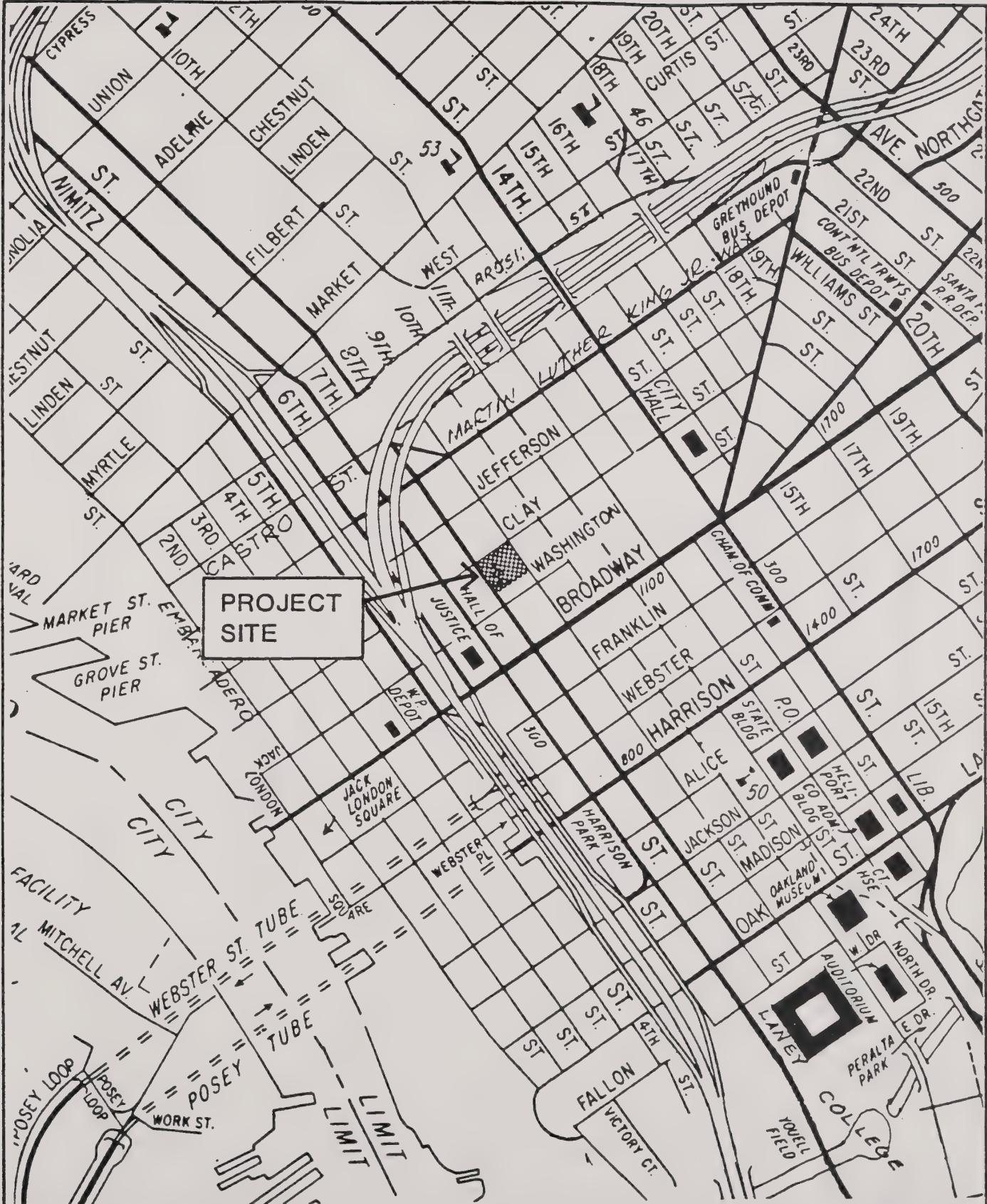
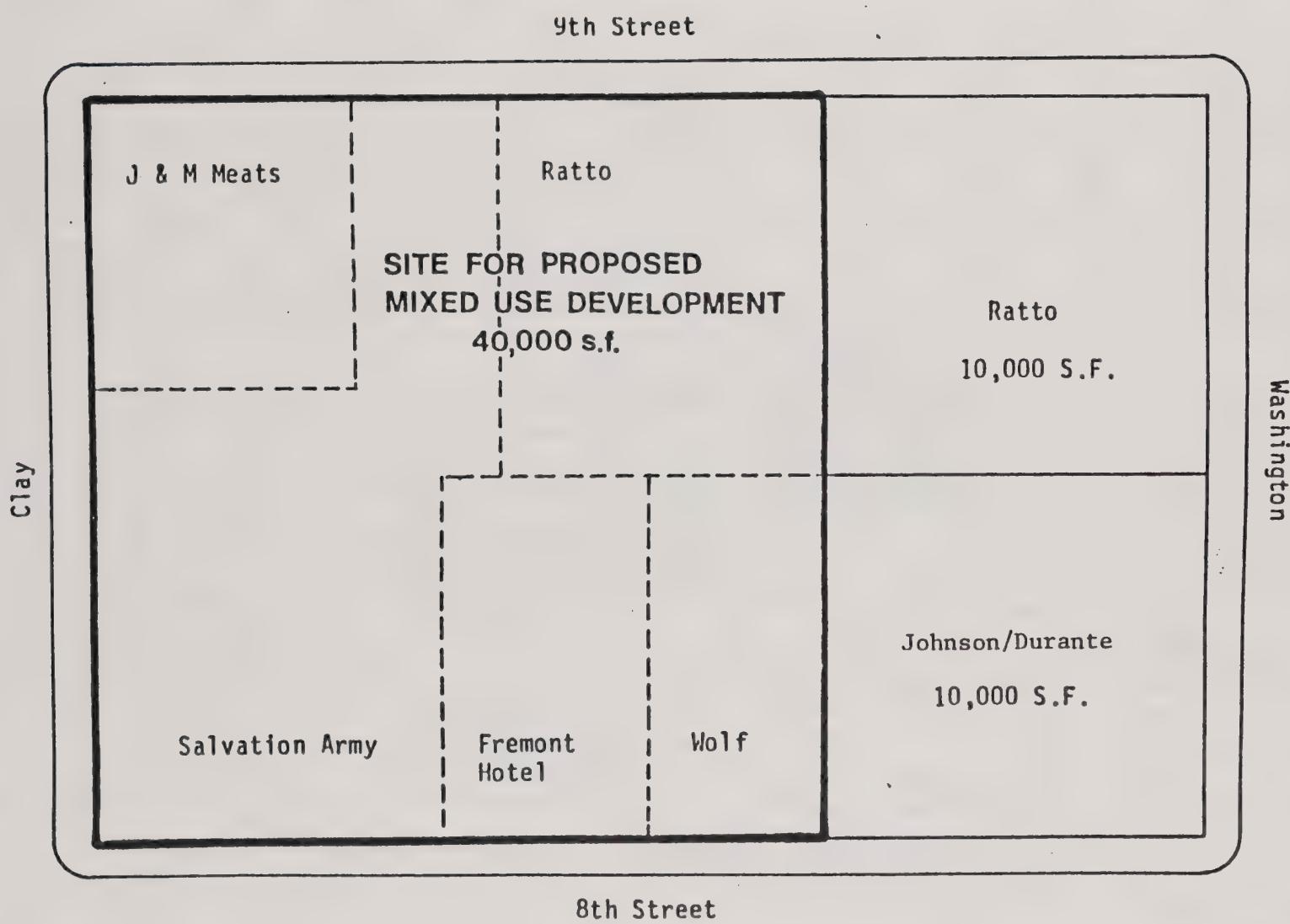


FIGURE 2-2. LOCAL SETTING OF THE PROPOSED PROJECT

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SOURCE: CITY OF OAKLAND, 1987



FIGURE 2-3. PROPOSED PROJECT PLOT PLAN

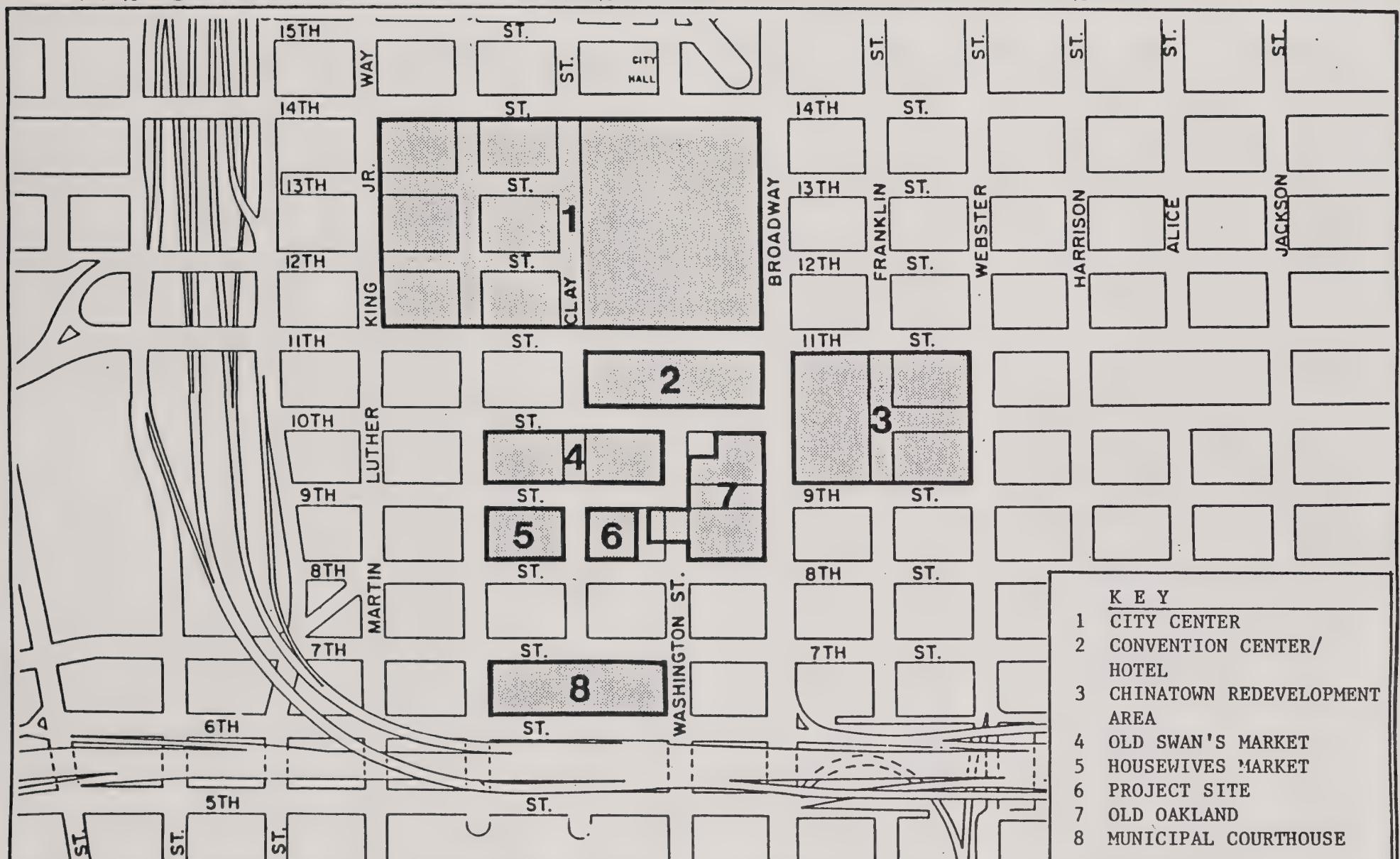


FIGURE 2-4 MAJOR BUILDINGS AND DISTRICTS NEAR THE PROJECT AREA

1 properties, allowing for a more comprehensive approach to development of the
2 site. It then became possible to integrate commercial and residential
3 activities with a more efficient and less obtrusive parking facility.
4

5 The project would involve property acquisition, relocation of existing
6 businesses and residents, demolition of existing structures, and construction
7 and operation of up to 70 apartments, up to 15,000 square feet of retail
8 commercial uses, and a parking structure with up to 500 parking spaces. The
9 retail commercial uses would be located at street level along the perimeter
10 streets with one and two bedroom apartments above. The up to six level
11 parking structure would be located between the apartment/commercial buildings
12 with possible access from the adjacent streets. A pedestrian and service
13 access corridor to serve the rear of Ratto's may also be provided, as shown in
14 Figure 2-5. The project construction would not proceed until all relocation
15 is successfully completed in accordance with the California Community
16 Redevelopment Law.

17 The project's residential, commercial, and parking structure uses are in-
18 tegrated in such a manner as to obviate negative aspects usually associated
19 with a parking structure-only development, particularly in a neighborhood
20 containing generally smaller scale buildings of historical and architectural
21 significance. The commercial and residential development "wrapping around" a
22 multi-story parking facility creates an opportunity to develop facades of a
23 texture and scale which relate to the the adjacent architecture of the
24 Victorian Row Project. Providing commercial activities at street level is
25 complimentary to and links the commercial development being provided in
26 Victorian Row and the nearby Housewives Market (see Figure 2-5).
27

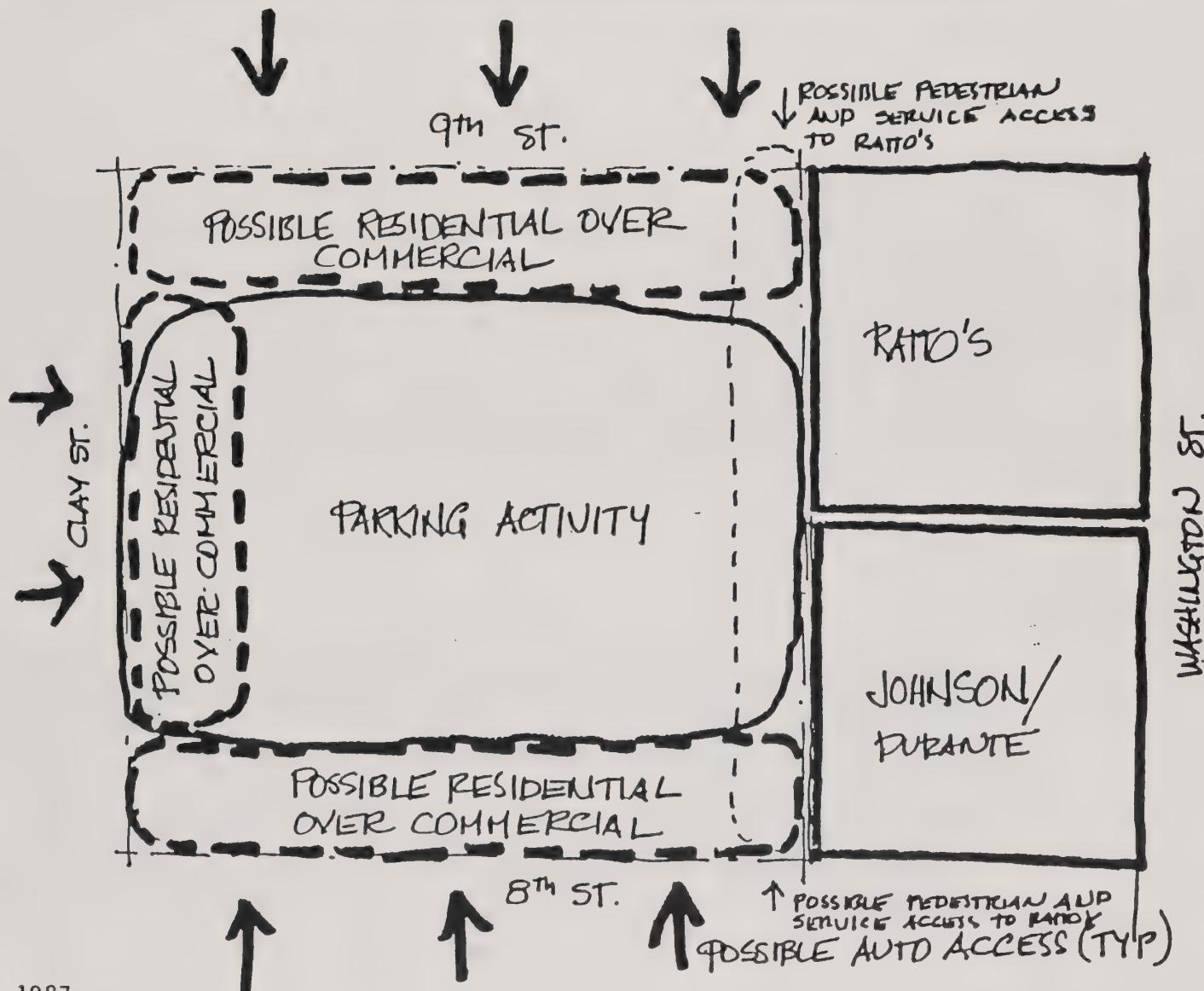
28 The project concept includes a proposal that approximately one-half of the
29 residential units be affordable to households with incomes below 80 percent of
30 the area's median income level. Development of these units will probably
31 require a construction subsidy. The units are proposed as predominately one
32 bedroom with a lesser number of units of no more than two bedrooms, as the
33 project site does not lend itself to housing for large families.
34

35 The project will be controlled by the C-52 Old Oakland Commercial Zone
36 Regulations and the S-7 Preservation Combining Zone Regulations. In addition,
37 the Redevelopment Agency will exercise design review authority within the
38 project in conjunction with the City Planning Department. No use permitted by
39 the zoning regulations and no construction, remodeling, or improvement will be
40 permitted without the prior approval of the Redevelopment Agency. The
41 Redevelopment Agency will evaluate development proposals with respect to
42 social and economic perspective, as well as aesthetics and urban design
43 characteristics.
44

45 2.3 INTENDED USES OF THE EIR 46

47 This EIR will be used for environmental review of the proposed Old Oakland
48 Mixed Use Project. The City of Oakland will be using this EIR in its decision
49 making process.
50

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SOURCE: CITY OF OAKLAND, 1987



FIGURE 2-5. PROPOSED PROJECT CONCEPTUAL PLANS

9 8 7 6 5 4 3 2 1
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54

PARKING STRUCTURE
(SIX LEVELS)



8TH STREET ELEVATION

SOURCE: CITY OF OAKLAND, 1987



SCALE
1" = 46'

FIGURE 2-5 (CONTINUED). PROPOSED PROJECT CONCEPTUAL PLANS

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2 3. COMMENTS RECEIVED ON THE DRAFT EIR AND LIST OF COMMENTORS
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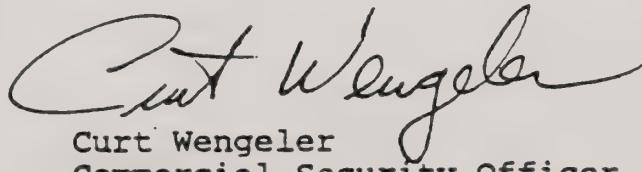
This section contains the actual written comments received in response to the circulation of the Draft EIR. The following is a list of the comments listed.

- A. Curt Wengeler, Commercial Security Officer, Community Services Division, Oakland Police Department, January 26, 1988.
- B. Michael F. Pickering, City Traffic Engineer, Oakland Traffic Engineering and Parking Division, February 9, 1988.
- C. Gary F. Adams, District CEQA Coordinator, California Department of Transportation (CALTRANS) District 4, February 19, 1988.
- D. J. Warren Boyd, Supervising Civil Engineer, Oakland Public Works Department - Engineering Services, February 22, 1988.
- E. Milton Feldstein, Air Pollution Control Officer, Bay Area Air Quality Management District, February 26, 1988.

COMMENT A

CITY OF OAKLAND Interoffice Letter

1
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3
4 City Planning
5 Department Attention: Alvin D. James Date: January 26, 1988
6
7 Community Services Division
8 Police Department
9
10 Administrative Draft EIR
11 Old Oakland Mixed Use Project
12
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15
16
17 We have reviewed the administrative draft EIR for the Old Oakland
18 Mixed Use Project.
19
20 Our primary concerns are related to security of persons and
21 property within this mixed use project.
22
23 The commercial businesses on the ground level must meet the
24 minimum security standards specified in Oakland Municipal
25 Ordinance 3-12 and its various subsections. Our Community
26 Services Division staff will be available to assist the tenants
27 with security design techniques which could lower their
28 vulnerability to crime.
29
30 The residential units at this project should meet or exceed the
31 minimum standards set forth in the Police Department's
32 Condominium/Apartment Security Program.
33
34 The parking structure for this project is proposed to hold
35 approximately 500 vehicles. If at all possible, the residential
36 parking should be physically separate from commercial parking.
37 Informational graphics for the structure should be a minimum of
38 3' tall and painted on the walls above the height of parked
39 vehicles.
40
41 Enclosed ia copy of the Commercial Burglary Prevention Ordinance
42 and a copy of the Condominium/Apartment Security Bulletin. If you
43 have any questions, please call me at extension 3066.
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Curt Wengeler
Commercial Security Officer
Community Services Division

enclosures

I O L

To: City Planning Attention: Tom Doctor Date: 2-9-1988.
From: Traffic Engineering and Parking Division
Subject: Comments on DEIR for the Old Oakland Mixed Use Project

We have reviewed the DEIR for the Old Oakland Mixed Use Project and have the following comments:

1. Table 3.3-4 -- Include definition for "turnover" which is defined as number of vehicles per space daily (9:00 a.m. to 5:00 p.m.). Under "source", 1985 should be 1986 (The survey was done in 1986).
2. Figure 3.3-1 -- The figure should be updated based on the 1986 parking survey conducted by the City. This information is available from the Traffic Engineering Division.
3. Page 3.3-9, Parking -- Include also a parking demand estimate for the project and state the extra spaces available for the surrounding businesses and establishments. Based on zoning requirements, the residential units will have a demand of 70 spaces. Using a parking rate of 3.0 spaces per 1000 gross square feet (Ref.: CDDP parking study), the 15,000 square feet retail space will generate a parking demand of 45 spaces. Therefore, an estimate of 385 spaces will be avialable in the garage for use by others.
4. Figure 3.3-2 -- Make changes as shown on the attached copy.

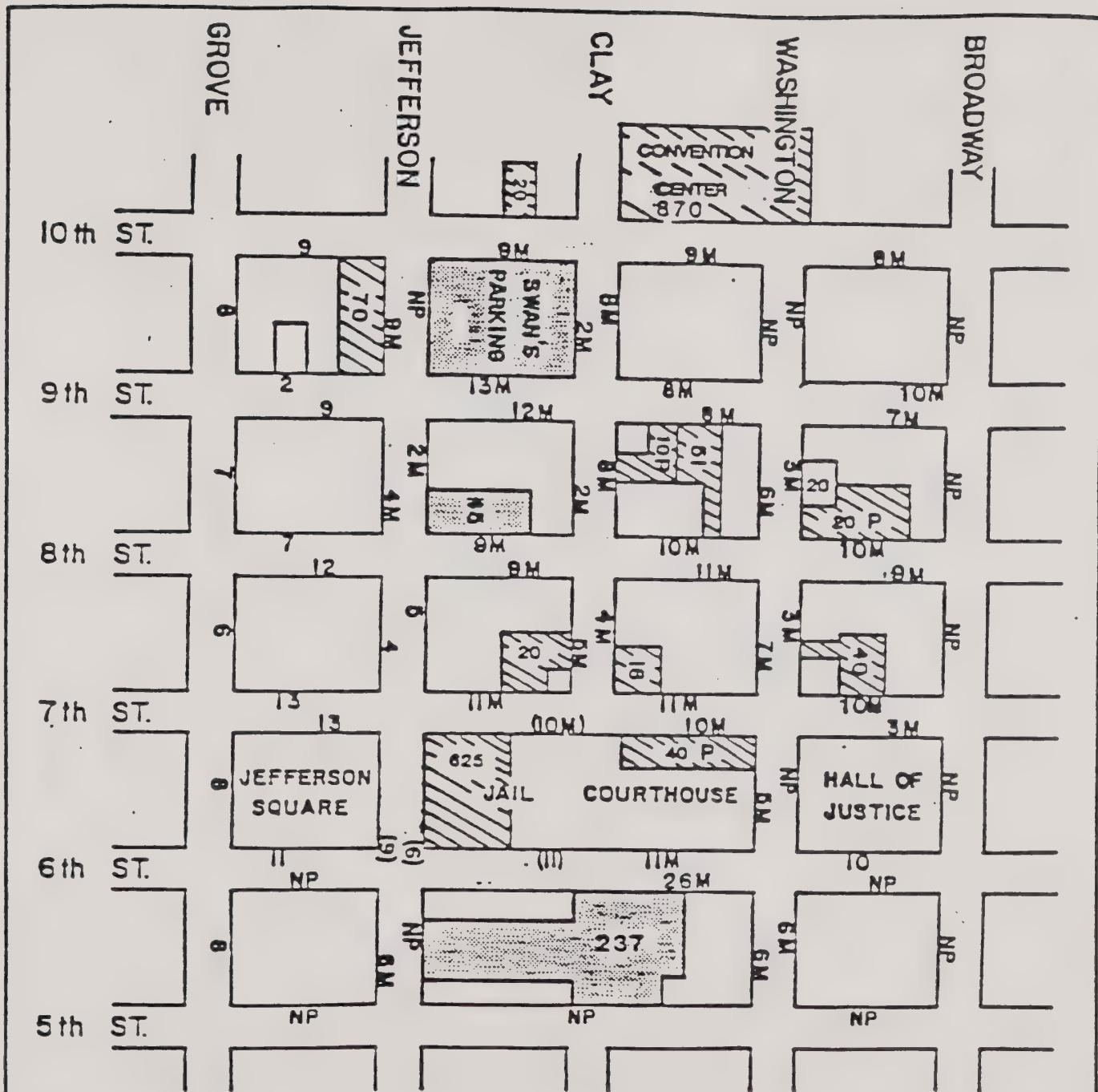
If your have any questions, please contact Lawrence Tai at Ext. 3466.

MICHAEL F. PICKERING
City Traffic Engineering

ltt/

Attachment

cc: Joe Wong (Engineering Services)



LEGEND

NUMBER OF ON-STREET SPACES = 8 ($M = \text{METERS}$)

NUMBER OF OFF-STREET SPACES = 46P

P - PRIVATE

NO PARKING • NP

SHORT TERM, LONG TERM =

 RGM Associates Update, July, 1987

SOURCE: CITY OF OAKLAND 1982

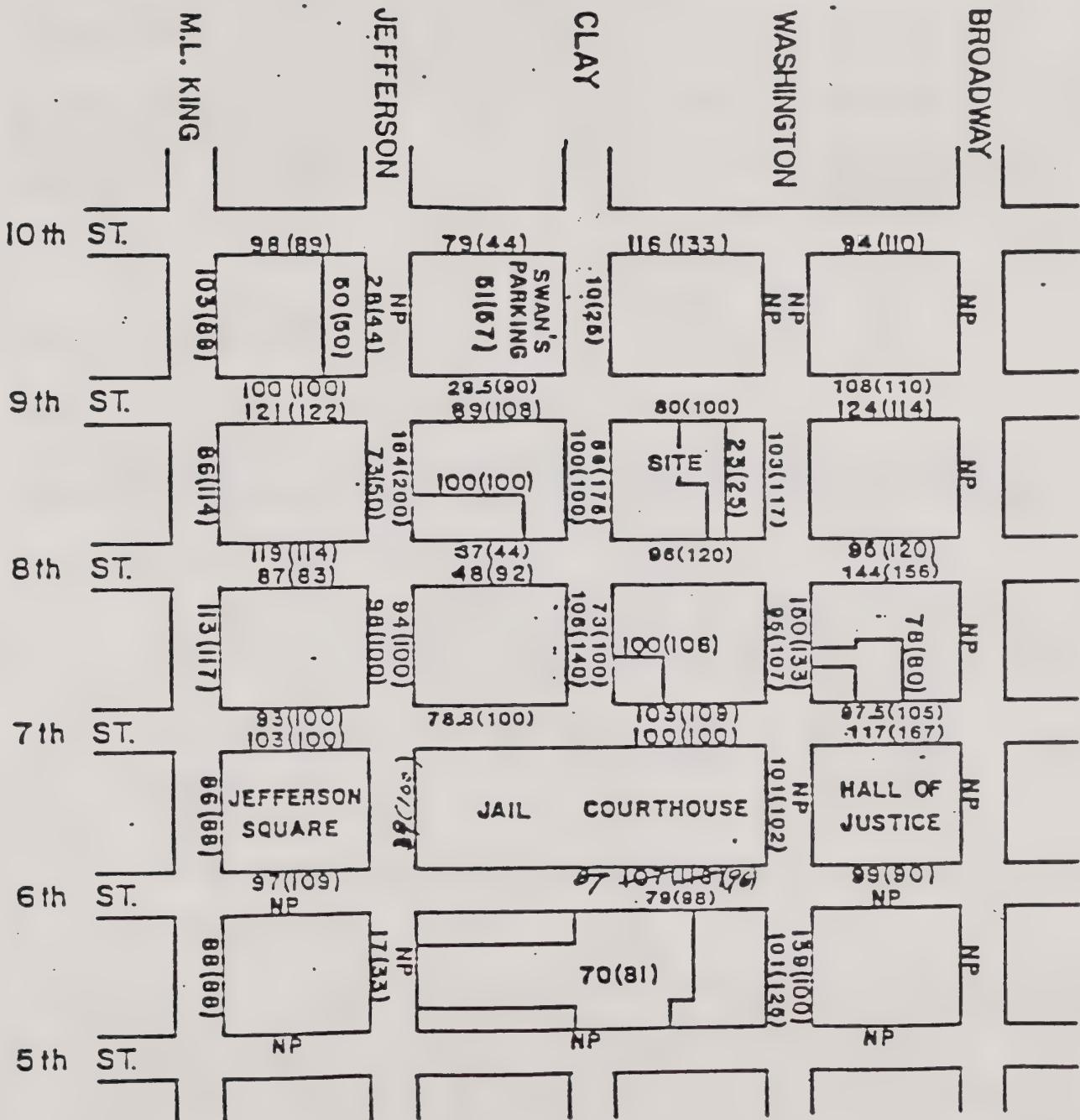
need to
be updated. Refer to comment



earth metrics

SCALE
NO SCALE

FIGURE 3.3-1. INVENTORY OF EXISTING PUBLIC PARKING FACILITIES



LEGENDO

AVERAGE % OCCUPANCY 9:00 A.M. - 5:00 P.M.

(PEAK HOUR % OCCUPANCY) = 87(100)

NO PARKING = NP

Refer to Committee

SOURCE: CITY OF OAKLAND, 1982, 1986 (METERS ONLY)

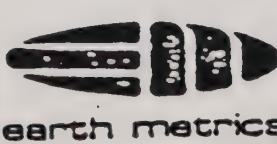


FIGURE 3.3-2. EXISTING PUBLIC PARKING FACILITIES USAGE

memorandum

Loreen McMahon
State Clearinghouse
1400 Tenth St., Rm. 121
Sacramento, CA 95814

Date, February 18, 1988
File No., ALA-880-PM-31.62
SCH# ~~ALA880070~~
ALA880070

DEPARTMENT OF TRANSPORTATION - 4

DEIR for the Old Oakland Mixed-Use Project

The Department of Transportation (Caltrans) has reviewed the above-referenced document and forwards the following comments:

1. Trip Generation, Table 3.3 - 5, page 3.3 - 7:

- a. 20 daily trip ends per 1000 sq. ft. Retail Commercial is an extremely low rate. Per ITE Trip Generation Rate tables (3rd Edition, 1983), the Avg. Weekday 2-way trips are:

Shopping Center of less than 50 mfs :	107.7/mfs
" " " 50 - 99.9 mfs :	105.74/mfs
Supermarket :	125.5/mfs
Convenience Market, 15 - 16 hrs. :	322.6/mfs

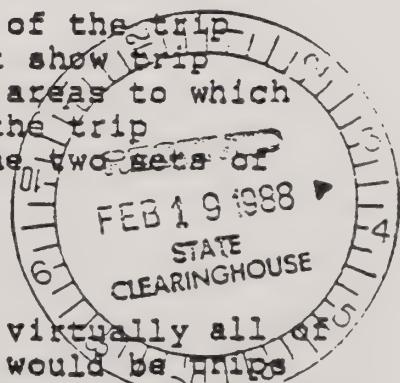
- b. AM peak hour trips were not, but should be accounted for.

2. Trip Distribution:

Table 3.3 - 3, page 3.3 - 8 shows the result of the trip assignment to the local network. It does not show trip distribution (i.e. the zones or geographical areas to which the trips are entering and exiting). Since the trip assignment was based on that distribution, the two sets of distributional percentages should be shown.

3. Impacts on the State highway system:

As implied by the statement on page 3.3 - 7, virtually all of the trips generated by the parking structure would be trips from nearby shopping or employment sites, and would therefore, not affect any State highway. As to the trips generated by the commercial and residential components of the project, the number of PM peak hour trips shown on Table 3.3 - 5 would not, in and by themselves, significantly affect State highway facilities, even if all were added to the traffic on a single ramp.



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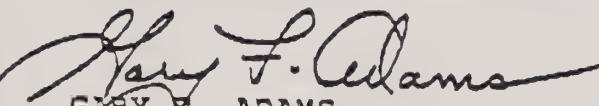
Page Two

February 18, 1988

10 C.4 However, after reviewing and revising the trip generation rates
11 for the commercial development, projecting both AM and PM peak
12 hour volumes, and distributing the trips, these should be
13 included in the account of the cumulative traffic impacts to be
14 covered in the environmental documents of other, major (from
the traffic point of view) projects in this area.

15 C.5 4. It is recommended that efforts be made to ensure that
16 construction-related vehicles, and debris do not interfere with
17 the flow of traffic. This would include scheduling the
18 movement of construction-related vehicles to periods before,
19 between, or after AM and PM peak hours. Furthermore, adequate
20 precautions must be taken to ensure that neither excessive road
21 surface deterioration nor any hazards to the public occur
22 during the construction phase of this project.

23
24
25 Should you have any questions regarding these comments, please
26 contact Rick Clennan of my staff at (415) 557-9298.
27

28 
29 GARY F. ADAMS
30 District CEQA Coordinator

31
32 cc: Jeff Georgevich, Metropolitan Transportation Commission
33
34

35
36
37 RC:em
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39

40 bcc: LO, GEG, SR/MJJ, EB,
41 JR, RC
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COMMENT D

CITY OF OAKLAND
Interoffice Letter

5 City Planning

6 Attention: _____ Tom Doctor

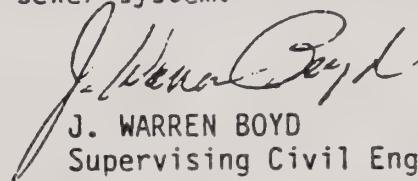
7 Date: February 22, 1988

8 Program: OPW-Engineering Services

10 Subject: ADEIR - Old Oakland Mixed Use

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18 On page 3.7-3 under Wastewater Services the report should note that all waste-
19 water discharges from the proposed project should enter the sewer collection
20 system via mains at 8th and/or 9th Streets, adjacent to the proposed project
21 site. No new connections to the trunk line on Clay Street will be allowed.

23 The trunk line which you were requested to connect to requires improvements at
24 several locations to accommodate future growth. Based on the flow information
25 provided in the EIR, the proposed project should contribute \$11,500 of total
26 estimated \$683,000 toward improving the sewer system.


J. WARREN BOYD
Supervising Civil Engineer

33 JWB:ge



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

RECEIVED

FEB 27 1988

CITY PLANNING COMMISSION
ZONING DIVISION

February 26, 1988

1 ALAMEDA COUNTY
2 Edward R. Campbell
3 Shirley J. Campbell
4 Chuck Corica
5 Frank H. Ogawa
6 CONTRA COSTA COUNTY
7 Paul L. Cooper
8 Lynne Wright McPeak
9
10 MARIN COUNTY
11 Al Aramburu
12 (Chairperson)
13 NAPA COUNTY
14 Michael McShane
15
16 SAN JOSE COUNTY
17 Mary G. Britt
18 Jim Gonzales
19 SAN MATEO COUNTY
20 Gus J. Neckelsburg
21 Anna Espey
22 SANTA CLARA COUNTY
23 Rico DiCarlo
24 Ralph P. Donnelly, Sr.
(Vice-Chairperson)
25 Roberta H. Hughes
Susanne Wilson
26 (Secretary)
27 SOLANO COUNTY
28 Sonoma County
29 Ossy Davis
Helen B. Fudge

Oakland City Planning Commission

6th Floor, City Hall
One City Hall Plaza
Oakland, CA 94612

Attention: Thomas H. Doctor
Senior Planner

Dear Mr. Doctor:

We have reviewed the Draft EIR for the proposed Old Oakland Mixed Use Project. The project involves the construction of up to 70 apartment units, up to 15,000 square feet of retail commercial space, and a parking structure with up to 500 parking spaces. The approximately one-acre area is located in the block bounded by 8th, 9th, Clay and Washington Streets.

As noted on page 3.5-1, certain urban areas in the Bay Area have not attained carbon monoxide (CO) standards mandated by the federal Clean Air Act. Downtown Oakland was one of the specific locations considered a nonattainment area for CO. We believe, therefore, that EIRs for projects in downtown Oakland should include detailed discussion of potential impacts on CO levels. Page 3.5-5 of the EIR refers readers to the 1985 Chinatown Redevelopment Plan DEIR for CO analysis. We believe that the Old Oakland environmental document should provide details regarding anticipated CO levels. We recommend that the Final EIR explain 1) the assumptions upon which the analysis was based, 2) what other development projects were included in the 1985 analysis, 3) the estimated CO concentrations predicted in the analysis, and 4) a justification of why the previous analysis is representative for the present project's impacts.

In our letter of June 26, 1986 regarding the Central District Development Program, we expressed our misgivings about the City's limited analysis of future CO concentrations. We are especially concerned about the cumulative impacts of numerous distinct projects. We reiterate our recommendations of 6/26/86 that the City of Oakland consider implementing mandatory employer-based Transportation Systems Management programs in the Central District. By reducing vehicle trips, such programs can contribute toward reducing CO concentrations.

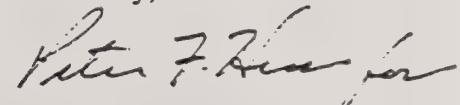
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9
10 Oakland City Planning Commission
11 February 26, 1988
12 Page Two
13
14

15 E.3

16 Pages 3.5-6 and 3.5-7 list several mitigation measures to minimize
17 CO levels within the parking structure. These include measures to assure
18 adequate ventilation in the garage, reduce vehicle travel in the garage, reduce
19 vehicle idling time, and separate parking structure air from residential and
20 commercial air supplies. We strongly recommend that these measures to
21 reduce CO levels in the garage be implemented.

22 If you have any questions, please contact Jean Roggenkamp, the
23 Planner in our office.

24 Sincerely,

25 

26 Milton Feldstein
27 Air Pollution Control Officer
28

29 MF:HH:mt
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1 4. RESPONSES TO COMMENTS RECEIVED ON THE DRAFT EIR

2
3 The following responses address the comments which are contained in Section 3.
4 The responses are keyed to specific comments identified by letter and number
5 in the margin of the actual written comments contained in Section 3.
6

7 A. CURT WENGELE, COMMERCIAL SERVICE OFFICER, COMMUNITY SERVICES
8 DIVISION, OAKLAND POLICE DEPARTMENT, JANUARY 26, 1988.

9
10 A.1 Project Security. These security measures are consistent with the
11 mitigation measures for police services listed on page 3.7-6 of the Draft EIR.
12

13 B. MICHAEL F. PICKERING, CITY TRAFFIC ENGINEER, OAKLAND TRAFFIC
14 ENGINEERING AND PARKING DIVISION, FEBRUARY 9, 1988.

15
16 B.1 Parking Turnover. The "turnover" definition included in this comment
17 is noted and accepted.
18

19 B.2 Parking Data Update. The RGM Associates update identified on Figure
20 3.3-1 does include data from the City's 1986 parking survey.
21

22 B.3 Parking Demand. The parking demand calculations included in this
23 comment are noted and accepted.
24

25 B.4 Existing Parking Facility Usage. The changes shown on Figure 3.3-2
26 in this comment are noted and accepted.
27

28 C. GARY F. ADAMS, DISTRICT CEQA COORDINATOR, CALIFORNIA DEPARTMENT OF
29 TRANSPORTATION (CALTRANS) DISTRICT 4, FEBRUARY 19, 1988.

31 C.1 Trip Generation. The source of the trip generation rates was
32 CALTRANS Trip Ends Generation Research, 15th Progress Report, 1983. The daily
33 commercial trip generation was reduced by 50 percent to account for dual
34 purpose trips and local walk-in trips.
35

36 C.2 A.M. Peak Hour Trips. A negligible amount of commercial related
37 traffic is expected to occur during the A.M. peak hour of the project area
38 streets. The commercial businesses at the project site are not expected to be
39 open at that time of the day.
40

41 C.3 Trip Assignment. The trip distribution was focused on the immediate
42 project area intersection because of the low trip generation anticipated from
43 the project. As stated on page 3.3-7 of the Draft EIR, the project trip
44 distribution was based on the traffic assumptions used in the EIR for the
45 Oakland City Center and on existing traffic volumes and patterns in the
46 immediate area of the project site.
47

48 C.4 Cumulative Traffic Impacts. It is agreed that the project's trip
49 generation should be included in the cumulative impact analysis for other
50 major projects in the area.
51

52 C.5 Construction Traffic Mitigation. The construction traffic mitigation
53 measures included in this comment are noted and accepted.
54

1
2 D. J. WARREN BOYD, SUPERVISING CIVIL ENGINEER, OAKLAND PUBLIC WORKS
3 DEPARTMENT-ENGINEERING SERVICES, FEBRUARY 22, 1988.

4
5 D.1 Wastewater Services. The information presented in this comment is
6 noted and accepted.
7

8 E. MILTON FELDSTEIN, AIR POLLUTION CONTROL OFFICER, BAY AREA AIR QUALITY
9 MANAGEMENT DISTRICT, FEBRUARY 26, 1988.

10
11 E.1 Coanalysis Assumptions from the 1985 Chinatown Redevelopment Plan EIR.

12
13 PREVIOUS CARBON MONOXIDE ANALYSIS. Air quality analysis was previously
14 performed for the Chinatown Redevelopment Project Site, bounded by 9th and
15 11th Streets, between Broadway and Webster (p. III-2). The project included
16 763,000 square feet of office space; 250 to 500 dwelling units; 50,000 square
17 feet of retail; a 20,000 square foot cultural center (pp. III-3, -4). The
18 Chinatown Redevelopment Project was estimated to generate 570 vehicle trips in
19 the P.M. peak hour (p. IV-B-21).

20
21 AIR QUALITY ANALYSIS (pp. IV-C-2, -3).

22
23 Background CO 1984 8 ppm
24 (Eight hour average)

25
26 Background CO 1995 5.4 ppm
27 (Eight hour average)

28
29 Air Quality Model CALINE3

30
31 Vehicle Travel Speed 20 mph

32
33 PREVIOUS CO IMPACT. The Chinatown Redevelopment Project was forecast to add
34 less than 0.1 ppm to baseline CO levels (eight hour average), on any street,
35 in 1995.

36
37 CURRENT CO IMPACT. Based upon the scale of the subject Old Oakland Mixed Use
38 Project, forecast traffic volume, and current assumptions (CALINE⁴, EMFACT7C),
39 an insignificant CO impact is expected comparable to the above described
40 impact.
41

42 E.2 Mandatory TSM Programs. No response is necessary.

43
44 E.3 Parking Structure Comitigation. No response is necessary.

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